

Entry Point Order Routing

Certification Script

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Revision History

Date	Version	Description	Author
May, 25 de 2012	3.3	<ul style="list-style-type: none">- Corrected the self-trade prevention scenario- Removed session message scenario- Included scenarios C6 for equities- Scenario A5.3 is no longer mandatory- Trade give up corrected	JMCGA/ CTC
May, 09 de 2012	3.2	<ul style="list-style-type: none">- Included not for scenarios not yet available- Scenario 2.8 moved to 1.8 once it is now mandatory- Corrected, on the EntryPoint line scenario the quantity and price to be accepted on Mega EntryPoint e EntryPoint Derivatives, also added Added the rejection information- Added the session messages tests- Corrected self trade prevention scenario.- Corrected cancel on disconnectscenario.	JMCGA/ CTC
	3.1	<ul style="list-style-type: none">- Initial version	AMS/ CTC

1. Preface

This document describes the series of tests that qualify a third-party institution to connect to BM&FBOVESPA for the purpose of routing orders for Derivatives and Equities segments using FIX4.4 (Financial Information eXchange).

FIX is a technical specification for an electronic communication of trade-related messages. It is an open standard managed by members of FIX Protocol Limited.

(www.fixprotocol.org)

This document outlines the certification process to route orders through BM&FBOVESPA's EntryPoint and is provided for third-parties which need trading connectivity with BM&FBOVESPA.

To request copies of this document, please contact: ctc@bvmf.com.br

2. Introduction

The test scenarios will be executed sequentially, and each one will be available for 15 minutes, this way, the expected results can be verified and initially analyzed in case of fail.

2.1. Pre- requisite

All FIX messages should follow the specification in “EntryPoint: Order Entry Messaging – Message Specification” and “EntryPoint: Order Entry Messaging - Messaging Guidelines” which are available in the BM&FBOVESPA website at: <http://www.bmfbovespa.com.br/en-us/services/trading-platforms/puma-trading-system/puma-trading-system.asp?Idioma=en-us>

3. Glossary

GTD	Good till Date
GTC	Good till Cancel
IOC	Immediate or Cancel
FAK	Filled and Kill
FOK	Filled or Kill
ATC	At the Close
GFA	Good for Auction
HFT	High frequency trader

A1. LIMIT Orders with Validity DAY

Tags: 35=D; 40=2; 59=0

Step	Description	Expected result	Req	Status	
This scenario can be executed for Derivatives or/and Equities					
A1.1	Customer: Send Buy limit order, DAY <ul style="list-style-type: none">Quantity: 100Buy price: 20,00 CTC: Send Sell limit order, DAY <ul style="list-style-type: none">Quantity: 100; Sell price: 20,00	Orders filled - Trade	S	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
A1.2	Customer: Send Buy limit order, DAY <ul style="list-style-type: none">Quantity: 200Buy price: 20,00 CTC: Send Sell limit order, DAY <ul style="list-style-type: none">Quantity: 100Sell price: 20,00	Orders partial filled - Trade Orders on book: <ul style="list-style-type: none">Buy 100 – 20,00	S	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
A1.3	Customer: Modifies pending Buy order <ul style="list-style-type: none">Quantity on book: 100Buy price: 20,00Modify to quantity: 300Price – Buy: 21,00	Modification of the pending offer Orders on book: <ul style="list-style-type: none">Buy 200 – 21,00	S	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
A1.4	CTC: Send Sell limit order, DAY <ul style="list-style-type: none">Quantity: 100Sell price: 21,00	Pending order modification Orders on book: <ul style="list-style-type: none">Buy 100 – 21,00	S	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
A1.5	Customer: Cancels pending order <ul style="list-style-type: none">Quantity on book: 100Buy price: 21,00	Cancel pending order.	S	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
A1.6	CTC: Send Buy limit order, DAY <ul style="list-style-type: none">Quantity: 200Buy price: 20,00 Customer: Send Sell limit order, DAY <ul style="list-style-type: none">Quantity: 100Sell price: 21,00	Orders on book: <ul style="list-style-type: none">Buy: 200 – 20,00Sell: 100 – 21,00	S	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
A1.7	Customer: Modifies pending Sell order <ul style="list-style-type: none">Quantity on book: 100Sell price: 21,00Modify to quantity: 300Price –Sell: 20,00	Modified order partial filled - Trade Orders on book: <ul style="list-style-type: none">Sell 100 – 20,00	S	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
A1.8	Logout connection with the Exchange	Receive logout message 35=5.	S	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
A1.9	CTC: Cancels Sell limit order, DAY	Cancel pending order	S	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
A1.10	Login the system with 141=N (don't restart the sequence number)	The orders that have not been sent, shall not be submitted to the Exchange. Execution Report messages are resent.	S	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
A1.11	CTC: Cancels trade(s)	Trades cancelled <i>Customer confirms Execution Report</i>	S	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E

A2. LIMIT Orders with Validity GTC

Tags: 35=D; 40=2; 59=1

Step	Description	Expected result	Req	Status	
This scenario can be executed for Derivatives or/and Equities					
A2.1	Customer: Send Buy limit order, GTC <ul style="list-style-type: none">Quantity: 100Buy price: 20,00 CTC: Send Sell limit order, DAY <ul style="list-style-type: none">Quantity: 100Sell price: 20,00	Orders total filled. Trade.	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
A2.2	Customer: Send Buy limit order, GTC <ul style="list-style-type: none">Quantity: 200Buy price: 20,00 CTC: Send Sell limit order, DAY <ul style="list-style-type: none">Quantity: 100Sell price: 20,00	Orders partial filled. Trade. Orders on book: <ul style="list-style-type: none">Buy 100 – 20,00	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
A2.3	Customer: Modifies pending Buy order <ul style="list-style-type: none">Quantity on book: 100Buy price: 20,00Modify quantity to: 300Price –Buy: 21,00	Pending orders on book modification Orders on book: <ul style="list-style-type: none">Buy 200 – 21,00	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
A2.4	CTC: Send Sell limit order, DAY <ul style="list-style-type: none">Quantity: 100Sell price: 21,00	Modified order partial filled Trade. Orders on book: <ul style="list-style-type: none">Buy 100 – 21,00	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
A2.5	Customer: Cancels pending order <ul style="list-style-type: none">Quantity on book: 100Buy price: 21,00	Cancel pending order.	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
A2.6	CTC: Send Buy limit order, DAY <ul style="list-style-type: none">Quantity: 200Buy price: 20,00 Customer: Send Sell limit order, GTC <ul style="list-style-type: none">Quantity: 100Sell price: 21,00	Orders on book: <ul style="list-style-type: none">Buy 200 – 20,00Sell 100 – 21,00	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
A2.7	Customer: Modifies pending Sell order <ul style="list-style-type: none">Quantity on book: 100Sell price: 21,00Modify quantity to: 300Price –Sell: 20,00	Modified order partial filled: Trade. Orders on book: <ul style="list-style-type: none">Sell 100 – 20,00	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
A2.8	CTC: Cancels sell limit order, GTC	Cancel pending order.	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
A2.9	CTC: Cancel trade(s).	Trades cancelled.	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E

A3. LIMIT Orders with Validity IOC

Tags: 35=D; 40=2; 59=3

Step	Description	Expected Result	Req	Status	
This scenario can be executed for Derivatives or/and Equities					
A3.1	Customer: Send Buy limit order, IOC <ul style="list-style-type: none">Quantity: 100; Buy price: 20,00	Immediate order cancel	S	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
A3.2	CTC: Send Sell limit order, DAY <ul style="list-style-type: none">Quantity: 100; Sell price: 20,00 Customer: Send Buy limit order, IOC <ul style="list-style-type: none">Quantity: 200; Buy price: 20,00	Orders partial filled. <ul style="list-style-type: none">Trade. Cancel pending Quantity: <ul style="list-style-type: none">Buy 100 – 20,00	S	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
A3.3	Customer: Send Buy limit order, DAY <ul style="list-style-type: none">Quantity: 100; Buy price: 20,00 Customer: Modifies Buy order to validity IOC	Order modification execution: <ul style="list-style-type: none">Order cancelled.	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
A3.4	CTC: Send Buy limit order,DAY <ul style="list-style-type: none">Quantity: 200; Buy price: 20,00 Customer: Send Sell limit order, IOC <ul style="list-style-type: none">Quantity: 100; Sell price: 20,00	Orders total filled. <ul style="list-style-type: none">Trade. Pending Quantity : <ul style="list-style-type: none">Buy 100 – 20,00	S	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
A3.5	Customer: Send Sell limit order, IOC <ul style="list-style-type: none">Quantity: 100; Sell price: 20,00	Orders total filled. <ul style="list-style-type: none">Trade.	S	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
A3.6	CTC: Cancels trade(s)	Trades cancelled Customer confirms Execution Report	S	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E

A4. LIMIT Orders with Validity GTD

Tags: 35=D; 40=2; 59=6

Step	Description	Expected Result	Req	Status
This scenario can be executed for Derivatives or/and Equities				
A4.1	Customer: Send Buy limit order, GTD <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 CTC: Send Sell limit order, DAY <ul style="list-style-type: none"> Quantity: 100 Sell price: 20,00 	Orders total filled. Trade.	N	<input type="checkbox"/> Pass <input type="checkbox"/> N/E
A4.2	Customer: Send Buy limit order, GTD <ul style="list-style-type: none"> Quantity: 200 Buy price: 20,00 CTC: Send Sell limit order, GTD <ul style="list-style-type: none"> Quantity: 100 Sell price: 20,00 	Orders partial filled. Trade. Orders on book: <ul style="list-style-type: none"> Buy 100 – 20,00 	N	<input type="checkbox"/> Pass <input type="checkbox"/> N/E
A4.3	Customer: Modifies pending Buy order <ul style="list-style-type: none"> Quantity on book: 100 Buy price: 20,00 Modify quantity to: 300 Price –Buy: 21,00 	Pending orders on book modification Orders on book: <ul style="list-style-type: none"> Buy 200 – 21,00 	N	<input type="checkbox"/> Pass <input type="checkbox"/> N/E
A4.4	CTC: Send Sell limit order, GTD <ul style="list-style-type: none"> Quantity: 100 Sell price: 21,00 	Modified order partial filled: Trade. Orders on book: <ul style="list-style-type: none"> Buy 100 – 21,00 	N	<input type="checkbox"/> Pass <input type="checkbox"/> N/E
A4.5	Customer: Cancels pending order <ul style="list-style-type: none"> Quantity on book: 100 Buy price: 21,00 	Cancel pending order.	N	<input type="checkbox"/> Pass <input type="checkbox"/> N/E
A4.6	CTC: Send Buy limit order, GTD <ul style="list-style-type: none"> Quantity: 200 Buy price: 20,00 Customer: Send Sell limit order, GTD <ul style="list-style-type: none"> Quantity: 100 Buy price: 21,00 	Orders on book: <ul style="list-style-type: none"> Buy 200 – 20,00 Sell 100 – 21,00 	N	<input type="checkbox"/> Pass <input type="checkbox"/> N/E
A4.7	Customer: Modifies pending Sell order <ul style="list-style-type: none"> Quantity on book: 100 Sell price: 21,00 Modify quantity to: 300 Price –Sell: 20,00 	Modified order partial filled: Trade. Orders on book: <ul style="list-style-type: none"> Sell 100 – 20,00 	N	<input type="checkbox"/> Pass <input type="checkbox"/> N/E
A4.8	Customer: Send Buy limit order, GTD with earlier date <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 	Order rejection.	N	<input type="checkbox"/> Pass <input type="checkbox"/> N/E
A4.9	CTC: Cancels Sell limit order	Cancel pending order.	N	<input type="checkbox"/> Pass <input type="checkbox"/> N/E
A4.10	CTC: Cancels trade(s)	Trades cancelled <i>Customer confirms Execution Report</i>	N	<input type="checkbox"/> Pass <input type="checkbox"/> N/E

A5. LIMIT Orders with Validity FOK

Tags: 35=D; 40=2; 59=4

This scenario can be executed for Derivatives or/and Equities

Step	Description	Expected Result	Req	Status	
A5.1	Customer: Send Buy limit order , FOK <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 	Order cancelled.	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
A5.2	CTC: Send Buy limit order, DAY <ul style="list-style-type: none"> Quantity: 200 Buy price: 20,00 Customer: Send Sell limit order, FOK <ul style="list-style-type: none"> Quantity: 200 Sell price: 20,00 	Orders total filled. Trade.	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
A5.3	CTC: Send Buy limit order, DAY <ul style="list-style-type: none"> Quantity: 200 Buy price: 20,00 Customer: Send Sell limit order, FOK <ul style="list-style-type: none"> Quantity: 400 Sell price: 20,00 	Order cancelled.	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
A5.4	CTC: Cancels trade(s)	Trades cancelled Customer confirms Execution Report	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E

B1. MARKET TO LIMIT Orders with Validity DAY

Tags: 35=D; 40=K; 59=0

Step	Description	Expected Result	Req	Status
This scenario can be executed for Derivatives or/and Equities				
B1.1	CTC: Send Buy limit order, DAY <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 Customer: Send Market to Limit Sell order, DAY <ul style="list-style-type: none"> Quantity: 100 Sell price: Market to Limit 	Orders total filled. Trade.	N	<input type="checkbox"/> Pass <input type="checkbox"/> N/E
B1.2	CTC: Send Buy limit order, DAY <ul style="list-style-type: none"> Quantity: 200 Buy price: 20,00 Customer: Send Market to Limit Sell order, DAY <ul style="list-style-type: none"> Quantity: 100 Sell price: Market to Limit 	Orders total filled. Trade. Orders on book: <ul style="list-style-type: none"> Buy 100 – 20,00 	N	<input type="checkbox"/> Pass <input type="checkbox"/> N/E
B1.3	Customer: Send Market to Limit Sell order, DAY <ul style="list-style-type: none"> Quantity: 200 Sell price: Market to Limit 	Order partial filled. Trade Orders on book: <ul style="list-style-type: none"> Sell 100 – 20,00 	N	<input type="checkbox"/> Pass <input type="checkbox"/> N/E
B1.4	Customer: Cancels pending order <ul style="list-style-type: none"> Quantity on book: 100 Buy price: 20,00 	Cancel pending order.	N	<input type="checkbox"/> Pass <input type="checkbox"/> N/E
B1.5	CTC: Send Buy limit order, DAY <ul style="list-style-type: none"> Quantity: 200 Buy price: 20,00 Customer: Send Sell limit order, DAY <ul style="list-style-type: none"> Quantity: 100 Sell price: 21,00 	Orders on book: <ul style="list-style-type: none"> Buy 200 – 20,00 Sell 100 – 21,00 	N	<input type="checkbox"/> Pass <input type="checkbox"/> N/E
B1.6	Customer: Modifies Sell limit order, DAY <ul style="list-style-type: none"> Quantity on book: 100 Sell price: 21,00 Modify quantity to: 200 Sell price: Market to Limit 	Modified order total filled: Trade.	N	<input type="checkbox"/> Pass <input type="checkbox"/> N/E
B1.7	CTC: Send Buy limit order, DAY <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 Quantity: 100 Buy price: 21,00 Customer: Send Market to Limit Sell order, DAY <ul style="list-style-type: none"> Quantity: 200 Sell price: Market to Limit 	Order partial filled. Trade. Orders on book: <ul style="list-style-type: none"> Buy 100 – 20,00 Sell 100 – 21,00 	N	<input type="checkbox"/> Pass <input type="checkbox"/> N/E
B1.8	CTC: Cancels Buy and Sell limit orders, DAY. including Customer's order	Pending order(s) cancel	N	<input type="checkbox"/> Pass <input type="checkbox"/> N/E
B1.9	CTC: Cancels trade(s)	Trades cancelled <i>Customer confirms Execution Report</i>	N	<input type="checkbox"/> Pass <input type="checkbox"/> N/E

B2. MARKET TO LIMIT Orders with Validity GTC

Tags: 35=D; 40=K; 59=1

Step	Description	Expected Result	Req	Status
This scenario can be executed for Derivatives or/and Equities				
B2.1	CTC: Send Buy limit order, DAY <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 Customer: Send Market to Limit Sell order, GTC <ul style="list-style-type: none"> Quantity: 100 Sell price: Market to Limit 	Orders total filled. Trade.	N	<input type="checkbox"/> Pass <input type="checkbox"/> N/E
B2.2	CTC: Send Buy limit order, DAY <ul style="list-style-type: none"> Quantity: 200 Buy price: 20,00 Customer: Send Market to Limit Sell order, GTC <ul style="list-style-type: none"> Quantity: 100 Sell price: Market to Limit 	Orders total filled. Trade. Orders on book: Buy 100 – 20,00	N	<input type="checkbox"/> Pass <input type="checkbox"/> N/E
B2.3	Customer: Send Market to Limit Sell order, GTC <ul style="list-style-type: none"> Quantity: 200 Sell price: Market to Limit 	Order partial filled. Trade Orders on book: <ul style="list-style-type: none"> Sell 100 – 20.00 	N	<input type="checkbox"/> Pass <input type="checkbox"/> N/E
B2.4	Customer: Cancels pending order <ul style="list-style-type: none"> Quantity on book: 100 Sell price: 20.00 	Cancel pending order.	N	<input type="checkbox"/> Pass <input type="checkbox"/> N/E
B2.5	CTC: Send Buy limit order, DAY <ul style="list-style-type: none"> Quantity: 200 Buy price: 20,00 Customer: Send Sell limit order, GTC <ul style="list-style-type: none"> Quantity: 100 Sell price: 21,00 	Orders on book: <ul style="list-style-type: none"> Buy 200 – 20,00 Sell 100 – 21,00 	N	<input type="checkbox"/> Pass <input type="checkbox"/> N/E
B2.6	Customer: Modifies Sell limit order, GTC <ul style="list-style-type: none"> Quantity on book: 100 Sell price: 21,00 Modify quantity to: 200 Sell price: Market to Limit 	Modified order total filled: Trade.	N	<input type="checkbox"/> Pass <input type="checkbox"/> N/E
B2.7	CTC: Send Buy limit order, DAY <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 Quantity: 100 Buy price: 21,00 Customer: Send Market to Limit Sell order, GTC <ul style="list-style-type: none"> Quantity: 200 Sell price: Market to Limit 	Order partial filled. Trade. Orders on book: <ul style="list-style-type: none"> Buy 100 – 20.00 Sell 100 – 21,00 	N	<input type="checkbox"/> Pass <input type="checkbox"/> N/E
B2.8	CTC: Cancels Buy and Sell limit orders, GTC. including Customer's order	Pending order(s) cancel.	N	<input type="checkbox"/> Pass <input type="checkbox"/> N/E
B2.9	CTC: Cancels trade(s)	Trades cancelled <i>Customer confirms Execution Report</i>	N	<input type="checkbox"/> Pass <input type="checkbox"/> N/E

B3. MARKET TO LIMIT Orders with Validity IOC

Tags: 35=D; 40=K; 59=3

Step	Description	Expected Result	Req	Status	
This scenario can be executed for Derivatives or/and Equities					
B3.1	CTC: Send Buy limit order, DAY <ul style="list-style-type: none">Quantity: 100Buy price: 20,00 Customer: Send Market to Limit Sell order, IOC <ul style="list-style-type: none">Quantity: 100Sell price: Market to Limit	Orders total filled. Trade.	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
B3.2	CTC: Send Buy limit order, DAY <ul style="list-style-type: none">Quantity: 100Buy price: 20,00 Customer: Send Market to Limit Sell order, IOC <ul style="list-style-type: none">Quantity: 200Sell price: Market to Limit	Orders partial filled. <ul style="list-style-type: none">Trade.Pending order automatic cancellation	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
B3.3	CTC: Send Buy limit order, DAY <ul style="list-style-type: none">Quantity: 100Buy price: 20,00 Customer: Send Sell limit order, DAY <ul style="list-style-type: none">Quantity: 100; Sell price: 21,00 Customer: Modifies Sell order to validity Market to Limit, IOC	Order modification execution Orders total filled - Trade	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
B3.4	CTC: Send Sell limit order,DAY <ul style="list-style-type: none">Quantity: 100Sell price: 20,00 Customer: Send Market to Limit Buy order, IOC <ul style="list-style-type: none">Quantity: 300Buy price: Market to Limit	Orders partial filled. <ul style="list-style-type: none">Trade.Order (quantity 200) cancelled.	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
B3.5	CTC: Cancels trade(s)	Trades cancelled Customer confirms Execution Report	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E

B4. MARKET TO LIMIT Orders with Validity GTD

Tags: 35=D; 40=K; 59=6

Step	Description	Expected Result	Req	Status
This scenario can be executed for Derivatives or/and Equities				
B4.1	CTC: Send Buy limit order, DAY <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 Customer: Send Market to Limit Sell order, GTD <ul style="list-style-type: none"> Quantity: 100 Sell price: Market to Limit 	Orders total filled. Trade.	N	<input type="checkbox"/> Pass <input type="checkbox"/> N/E
B4.2	CTC: Send Buy limit order, DAY <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 Customer: Send Market to Limit Sell order, GTD <ul style="list-style-type: none"> Quantity: 200 Sell price: Market to Limit 	Orders partial filled. Trade. Orders on book: <ul style="list-style-type: none"> Sell 100 – 20,00 	N	<input type="checkbox"/> Pass <input type="checkbox"/> N/E
B4.3	Customer: Modifies pending Sell order <ul style="list-style-type: none"> Quantity on book: 100 Sell price: 20,00 Modify quantity to: 300 Sell price: Market to Limit 	Modification Rejected once there is no Counterparty	N	<input type="checkbox"/> Pass <input type="checkbox"/> N/E
B4.4	CTC: Send Buy limit order, DAY <ul style="list-style-type: none"> Quantity: 100 Buy price: 21,00 	Order total filled	N	<input type="checkbox"/> Pass <input type="checkbox"/> N/E
B4.5	Customer: Send Market to Limit Sell order, GTD <ul style="list-style-type: none"> Quantity: 100 Sell price: Market to Limit 	Order Rejected once there is no Counterparty	N	<input type="checkbox"/> Pass <input type="checkbox"/> N/E
B4.6	CTC: Send Buy limit order, DAY <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 Customer: Send Market to Limit Sell order, GTD <ul style="list-style-type: none"> Quantity: 200 Sell price: Market to Limit 	Partial filled Orders on book: <ul style="list-style-type: none"> Sell 100 – 20.00 	N	<input type="checkbox"/> Pass <input type="checkbox"/> N/E
B4.7	CTC: Cancel pending Sell order	Cancel pending order.	N	<input type="checkbox"/> Pass <input type="checkbox"/> N/E
B4.8	CTC: Cancels trade(s)	Trades cancelled <i>Customer confirms Execution Report</i>	N	<input type="checkbox"/> Pass <input type="checkbox"/> N/E

B5. MARKET TO LIMIT Orders with Validity FOK

Tags: 35=D; 40=K; 59=4

This scenario can be executed for Derivatives or/and Equities

Step	Description	Expected Result	Req	Status	
B5.1	Customer: Send Market to Limit Sell order, FOK <ul style="list-style-type: none"> Quantity: 200 	Order Rejected	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
B5.2	CTC: Send Buy limit order <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 Customer: Send Market to Limit Sell order, FOK <ul style="list-style-type: none"> Quantity: 100 	Orders total filled. Trade.	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
B5.3	CTC: Send Buy limit order <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 Customer: Send Market to Limit Sell order, FOK <ul style="list-style-type: none"> Quantity: 200 	Order is automaticaly canceled	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
B5.4	CTC: BVMF cancels trades	Trades cancelled	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E

C1. MARKET WITH PROTECTION Orders with Validity DAY

Tags: 35=D; 40=1; 59=0

This scenario should only be executed in Derivatives segment
Not yet available on production/ certification environment

Step	Description	Expected Result	Req	Status
CTC: Adjust protection point to 1,00				
C1.1	CTC: Send Buy limit order, DAY <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 Customer: Send Market with Protection Sell order, DAY <ul style="list-style-type: none"> Quantity: 100 Sell price: Market with Protection 	Orders total filled. Trade.	N	<input type="checkbox"/> Pass <input checked="" type="checkbox"/> N/E
C1.2	CTC: Send Buy limit order, DAY <ul style="list-style-type: none"> Quantity: 200 Buy price: 20,00 Customer: Send Market with Protection Sell order, DAY <ul style="list-style-type: none"> Quantity: 100 Sell price: Market with Protection 	Orders total filled. Trade. Orders on book: <ul style="list-style-type: none"> Buy 100 – 20,00 	N	<input type="checkbox"/> Pass <input checked="" type="checkbox"/> N/E
C1.3	Customer: Send Market with Protection Sell order, DAY <ul style="list-style-type: none"> Quantity: 200 Sell price: Market with Protection 	Order partial filled. Trade Orders on book: <ul style="list-style-type: none"> Sell 100 – 19,00 	N	<input type="checkbox"/> Pass <input checked="" type="checkbox"/> N/E
C1.4	Customer: Cancels pending order <ul style="list-style-type: none"> Quantity on book: 100 Sell price: 19,00 	Cancel pending order.	N	<input type="checkbox"/> Pass <input checked="" type="checkbox"/> N/E
C1.5	CTC: Send Buy limit order, DAY <ul style="list-style-type: none"> Quantity: 200 Buy price: 20,00 Customer: Send Sell limit order, DAY <ul style="list-style-type: none"> Quantity: 100 Sell price: 21,00 	Orders on book: <ul style="list-style-type: none"> Buy 200 – 20,00 Sell 100 – 21,00 	N	<input type="checkbox"/> Pass <input checked="" type="checkbox"/> N/E
C1.6	Customer: Modifies Sell limit order, DAY <ul style="list-style-type: none"> Quantity on book: 100 Sell price: 21,00 Modify quantity to: 200 Sell price: Market with Protection 	Modified order total filled: Trade.	N	<input type="checkbox"/> Pass <input checked="" type="checkbox"/> N/E
C1.7	CTC: Send Buy limit order, DAY <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 Quantity: 100 Buy price: 21,00 Customer: Send Market to with Protection Sell order, DAY <ul style="list-style-type: none"> Quantity: 200 Sell price: Market with Protection 	Execução parcial da oferta seguido da execução total da oferta. Trades.	N	<input type="checkbox"/> Pass <input checked="" type="checkbox"/> N/E

C1.8	<p>CTC: Send Buy limit order, DAY</p> <ul style="list-style-type: none"> Quantity: 100; Buy price: 20,00 Quantity: 100; Buy price: 22,00 <p>Customer: Send Market to with Protection Sell order, DAY</p> <ul style="list-style-type: none"> Quantity: 200 Sell price: Market with Protection 	<p>Order partial filled. Trades.</p> <p>Orders on book:</p> <ul style="list-style-type: none"> Sell 100 – 21,00 Buy 100 – 20,00 	N	<input type="checkbox"/> Pass	<input checked="" type="checkbox"/> N/E
C1.9	CTC: BVMF cancels orders	Pending order(s) cancel.	N	<input type="checkbox"/> Pass	<input checked="" type="checkbox"/> N/E
C1.10	CTC: BVMF cancels trades	Trades cancelled	N	<input type="checkbox"/> Pass	<input checked="" type="checkbox"/> N/E

C2. MARKET WITH PROTECTION Orders with Validity GTC

Tags: 35=D; 40=1; 59=1

This scenario should only be executed in Derivatives segment
Not yet available on production/ certification environment

Step	Description	Expected Result	Req	Status	
C2.1	CTC: Send Buy limit order, DAY <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 Customer: Send Market with Protection Sell order , GTC <ul style="list-style-type: none"> Quantity: 100 Sell price: Market with Protection 	Orders total filled. Trade.	N	<input type="checkbox"/> Pass	<input checked="" type="checkbox"/> N/E
C2.2	CTC: Send Buy limit order, DAY <ul style="list-style-type: none"> Quantity: 200 Buy price: 20,00 Customer: Send Market with Protection Sell order , GTC <ul style="list-style-type: none"> Quantity: 100 Sell price: Market with Protection 	Orders total filled. Trade. Orders on book: <ul style="list-style-type: none"> Buy 100 – 20,00 	N	<input type="checkbox"/> Pass	<input checked="" type="checkbox"/> N/E
C2.3	Customer: Send Market with Protection Sell order , GTC <ul style="list-style-type: none"> Quantity: 200 Sell price: Market with Protection 	Order partial filled. Trade Orders on book: <ul style="list-style-type: none"> Sell 100 – 19,00 	N	<input type="checkbox"/> Pass	<input checked="" type="checkbox"/> N/E
C2.4	Customer: Cancels pending order <ul style="list-style-type: none"> Quantity on book: 100 Sell price: 21,00 	Cancel pending order.	N	<input type="checkbox"/> Pass	<input checked="" type="checkbox"/> N/E
C2.5	CTC: Send Buy limit order, DAY <ul style="list-style-type: none"> Quantity: 200 Buy price: 20,00 Customer: Send Sell limit order, GTC <ul style="list-style-type: none"> Quantity: 100 Sell price: 21,00 	Orders on book: <ul style="list-style-type: none"> Buy 200 – 20,00 Sell 100 – 21,00 	N	<input type="checkbox"/> Pass	<input checked="" type="checkbox"/> N/E
C2.6	Customer: Modifies Sell limit order, GTC <ul style="list-style-type: none"> Quantity on book: 100 Sell price: 21,00 Modify quantity to: 200 Sell price: Market with Protection 	Modified order total filled Trade.	N	<input type="checkbox"/> Pass	<input checked="" type="checkbox"/> N/E
C2.7	CTC: Send Buy limit order, DAY <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 Quantity: 100 Buy price: 21,00 Customer: Send Market with Protection Sell order , GTC <ul style="list-style-type: none"> Quantity: 200 Sell price: Market with Protection 	Partial fill followed by total fill of the offer. Trade.	N	<input type="checkbox"/> Pass	<input checked="" type="checkbox"/> N/E

C2.8	<p>CTC: Send Buy limit order, DAY</p> <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 Quantity: 100 Buy price: 22,00 <p>Customer: Send Market with Protection Sell order , GTC</p> <ul style="list-style-type: none"> Quantity: 200 Sell price: Market with Protection 	<p>Order partial filled. Trade.</p> <p>Orders on book:</p> <ul style="list-style-type: none"> Sell 100 – 21,00 Buy 100 – 20,00 	N	<input type="checkbox"/> Pass	<input checked="" type="checkbox"/> N/E
C2.9	CTC: BVMF cancels orders	Pending order(s) cancel.	N	<input type="checkbox"/> Pass	<input checked="" type="checkbox"/> N/E
C2.10	CTC: BVMF cancels trades	Trades cancelled	N	<input type="checkbox"/> Pass	<input checked="" type="checkbox"/> N/E

C3. MARKET WITH PROTECTION Orders with Validity IOC

Tags: 35=D; 40=1; 59=3

This scenario should only be executed in Derivatives segment
Not yet available on production/ certification environment

Step	Description	Expected Result	Req	Status	
C3.1	CTC: Send Buy limit order, DAY <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 Customer: Send Market with Protection Sell order , IOC <ul style="list-style-type: none"> Quantity: 100 Sell price: Market with Protection 	Orders total filled. Trade.	N	<input type="checkbox"/> Pass	<input checked="" type="checkbox"/> N/E
C3.2	CTC: Send Buy limit order, DAY <ul style="list-style-type: none"> Quantity: 200 Buy price: 20,00 Customer: Send Market with Protection Sell order , IOC <ul style="list-style-type: none"> Quantity: 100 Sell price: Market with Protection 	Orders total filled. <ul style="list-style-type: none"> Trade. Orders on book: <ul style="list-style-type: none"> Buy 100 – 20,00 	N	<input type="checkbox"/> Pass	<input checked="" type="checkbox"/> N/E
C3.3	Customer: Send Sell limit order, DAY <ul style="list-style-type: none"> Quantity: 100 Sell price: 21,00 Customer: Modifies Sell order to Market with Protection, IOC	Order modification execution:. Orders total filled. <ul style="list-style-type: none"> Trade. 	N	<input type="checkbox"/> Pass	<input checked="" type="checkbox"/> N/E
C3.4	CTC: Send Sell limit order, DAY <ul style="list-style-type: none"> Quantity: 100 Sell price: 20,00 Customer: Send Market with Protection Buy order, IOC <ul style="list-style-type: none"> Quantity: 300; Buy price: Market with Protection 	Orders partial filled. <ul style="list-style-type: none"> Trade. Order (quantity 200) cancelled. 	N	<input type="checkbox"/> Pass	<input checked="" type="checkbox"/> N/E
C3.5	CTC: BVMF cancels trades	Trades cancelled	N	<input type="checkbox"/> Pass	<input checked="" type="checkbox"/> N/E

C4. MARKET WITH PROTECTION Orders with Validity GTD

Tags: 35=D; 40=1; 59=6

This scenario should only be executed in Derivatives segment
Not yet available on production/ certification environment

Step	Description	Expected Result	Req	Status	
C4.1	CTC: Send Buy limit order, DAY <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 Customer: Send Market with Protection Sell order , GTD <ul style="list-style-type: none"> Quantity: 100 Sell price: Market with Protection 	Orders total filled. Trade.	N	<input type="checkbox"/> Pass	<input checked="" type="checkbox"/> N/E
C4.2	CTC: Send Buy limit order, DAY <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 Customer: Send Market with Protection Sell order , GTD <ul style="list-style-type: none"> Quantity: 200 Sell price: Market with Protection 	Orders partial filled. Trade. Orders on book: <ul style="list-style-type: none"> Sell 100 – 19,00 	N	<input type="checkbox"/> Pass	<input checked="" type="checkbox"/> N/E
C4.3	Customer: Modifies pending Sell order <ul style="list-style-type: none"> Quantity on book: 100 Sell price: 19,00 Modify quantity to: 300 Sell price: 22,00 	Pending orders on book modification Orders on book: <ul style="list-style-type: none"> Sell 200 – 22,00 	N	<input type="checkbox"/> Pass	<input checked="" type="checkbox"/> N/E
C4.4	CTC: Send Buy limit order, GTD <ul style="list-style-type: none"> Quantity: 100 Buy price: 22,00 	Modified order partial filled Trade. Orders on book: <ul style="list-style-type: none"> Sell 100 – 22,00 	N	<input type="checkbox"/> Pass	<input checked="" type="checkbox"/> N/E
C4.5	Customer: Cancels pending order <ul style="list-style-type: none"> Quantity on book: 100 Sell price: 22,00 	Cancel pending order.	N	<input type="checkbox"/> Pass	<input checked="" type="checkbox"/> N/E
C4.6	CTC: Send Buy limit order, DAY <ul style="list-style-type: none"> Quantity: 200 Buy price: 20,00 Customer: Send Sell limit order, GTD <ul style="list-style-type: none"> Quantity: 100 Sell price: 21,00 	Orders on book: <ul style="list-style-type: none"> Buy 200 – 20,00 Sell 100 – 21,00 	N	<input type="checkbox"/> Pass	<input checked="" type="checkbox"/> N/E
C4.7	Customer: Modifies pending Sell order <ul style="list-style-type: none"> Quantity on book: 100 Sell price: 21,00 Modify quantity to: 200 Sell price: Market with Protection 	Modified order total filled: Trade.	N	<input type="checkbox"/> Pass	<input checked="" type="checkbox"/> N/E
C4.8	Customer: Send Sell Market with Protection order, GTD with earlier date	Order rejection.	N	<input type="checkbox"/> Pass	<input checked="" type="checkbox"/> N/E
C4.9	CTC: BVMF cancels trades	Trades cancelled	N	<input type="checkbox"/> Pass	<input checked="" type="checkbox"/> N/E

C5. MARKET WITH PROTECTION Orders with Validity FOK

Tags: 35=D; 40=1; 59=4

This scenario should only be executed in Derivatives segment
Not yet available on production/ certification environment

Step	Description	Expected result	Step	Status	
C5.1	Customer: Send Market with Protection Sell order, FOK • Quantity: 200	Order is rejected once there is no conterparty	N	<input type="checkbox"/> Pass	<input checked="" type="checkbox"/> N/E
C5.2	CTC: Send Buy limit order, DAY • Quantity: 200 • Buy price: 20,00 Customer: Send Market with Protection Sell order, FOK • Quantity: 100	Order total filled. Trade. Orders on book: • Buy 100 – 20,00	N	<input type="checkbox"/> Pass	<input checked="" type="checkbox"/> N/E
C5.3	Customer: Send Market with Protection Sell order, FOK • Quantity: 200	Order cancelled	N	<input type="checkbox"/> Pass	<input checked="" type="checkbox"/> N/E
C5.4	CTC: Send Buy limit order, DAY • Quantity: 100 • Buy price: 21,00 Customer: Send Market with Protection Sell order, FOK • Quantity: 200	Orders partial and total filled. Trade.	N	<input type="checkbox"/> Pass	<input checked="" type="checkbox"/> N/E
C5.5	CTC: BVMF cancels trades	Trades cancelled	N	<input type="checkbox"/> Pass	<input checked="" type="checkbox"/> N/E

C6. MARKET ON AUCTION Orders

Tags: 35=D; 40=1; 59=7

This scenario should only be executed in Equities segment
Not yet available on production/ certification environment in Derivative segment

Step	Description	Expected Result	Req	Status	
CTC: Market state changes to Reserved					
C6.1	CTC: Send Buy limit order, DAY <ul style="list-style-type: none">Quantity: 100Buy price: 20,00 Customer: Send Market Sell order, GFA <ul style="list-style-type: none">Quantity: 100Sell price: MOA	Order entry. Orders on book: <ul style="list-style-type: none">Buy 100 – 20,00Sell 100 – MOA	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
C6.2	CTC: Send Buy limit order, DAY <ul style="list-style-type: none">Quantity: 200Buy price: 21,00 Customer: Send Market Sell order, GFA <ul style="list-style-type: none">Quantity: 200Sell price: MOA	Order entry. Orders on book: <ul style="list-style-type: none">Buy 200 – 21,00Buy 100 – 20,00Sell 300 – MOA	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
CTC: Market state changes to Open					
C6.3	CTC: Changes market state	Orders total filled MOA. Opening Price: 21,00	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
C6.4	CTC: BVMF cancels trades	Trades cancelled	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E

D1. STOP LIMIT Orders with Validity DAY

Tags: 35=D; 40=4; 59=0

This scenario can be executed for Derivatives or/and Equities

Step	Description	Expected result	Req	Status	
D1.1	<p>Customer: Send Stop Limit Buy order, DAY</p> <ul style="list-style-type: none"> Quantity 100 Price: 22,10; trigger price: 22,00 <p>CTC: Send Buy limit order DAY</p> <ul style="list-style-type: none"> Quantity 100 Price: 22,00 <p>CTC: Send Sell limit order DAY</p> <ul style="list-style-type: none"> Quantity 100 Price: 22,00 <p>CTC: Trade at price 22,00</p> <p>CTC: Send Sell limit order DAY</p> <ul style="list-style-type: none"> Quantity 100 Price: 22,00 <p>CTC: Trade at price 22,10</p>	Order triggered and totally filled	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
D1.2	<p>Customer: Send Stop Limit Buy order, DAY</p> <ul style="list-style-type: none"> Quantity 200 Price: 22,30; trigger price: 22,20 <p>CTC: Send Buy limit order DAY</p> <ul style="list-style-type: none"> Quantity 100 Price: 22,20 <p>CTC: Send Sell limit order DAY</p> <ul style="list-style-type: none"> Quantity 100 Price: 22,20 <p>CTC: Trade at price 22,20</p> <p>CTC: Send Sell limit order DAY</p> <ul style="list-style-type: none"> Quantity 100 Price: 22,20 <p>CTC: Trade at price 22,30</p>	<p>Order triggered and partially filled</p> <p>Orders on book:</p> <ul style="list-style-type: none"> Buy 100 – 22,30 	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
D1.3	<p>Customer: Cancels pending order</p> <ul style="list-style-type: none"> Quantity on book: 100 Buy price: 22,30 	Cancel pending order.	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
D1.4	CTC: Cancels trade(s)	<p>Trades cancelled</p> <p>Customer confirms Execution Report</p>	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E

D2. STOP LIMIT Orders with Validity GTC

Tags: 35=D; 40=4; 59=1

This scenario can be executed for Derivatives or/and Equities

Step	Description	Expected result	Req	Status	
D2.1	<p>Customer: Send Stop Limit Buy order, GTC</p> <ul style="list-style-type: none"> Quantity 100 Price: 23,10; trigger price: 23,00 <p>CTC: Send Buy limit order DAY</p> <ul style="list-style-type: none"> Quantity 100 Price: 23,00 <p>CTC: Send Sell limit order DAY</p> <ul style="list-style-type: none"> Quantity 100 Price: 23,00 <p>CTC: Trade at price 23,00</p> <p>CTC: Send Sell limit order DAY</p> <ul style="list-style-type: none"> Quantity 100 Price: 23,00 <p>CTC: Trade at price 23,10</p>	Order triggered and totally filled	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
D2.2	<p>Customer: Send Stop Limit Buy order, GTC</p> <ul style="list-style-type: none"> Quantity 200 Price: 23,30; trigger price: 23,20 <p>CTC: Send Buy limit order DAY</p> <ul style="list-style-type: none"> Quantity 100 Price: 23,20 <p>CTC: Send Sell limit order DAY</p> <ul style="list-style-type: none"> Quantity 100 Price: 23,20 <p>CTC: Trade at price 23,20</p> <p>CTC: Send Sell limit order DAY</p> <ul style="list-style-type: none"> Quantity 100 Price: 23,20 <p>CTC: Trade at price 23,30</p>	<p>Order triggered and partially filled</p> <p>Orders on book:</p> <ul style="list-style-type: none"> Buy 100 – 23,30 	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
D2.3	<p>Customer: Cancels pending order</p> <ul style="list-style-type: none"> Quantity on book: 100 Buy price: 23,30 	Cancel pending order.	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
D2.4	CTC: Cancels trade(s)	<p>Trades cancelled</p> <p>Customer confirms Execution Report</p>	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E

D3. STOP LIMIT Orders with Validity GTD

Tags: 35=D; 40=4; 59=6

This scenario can be executed for Derivatives or/and Equities

Step	Description	Expected result	Req	Status	
D3.1	<p>Customer: Send Stop Limit Buy order, GTD</p> <ul style="list-style-type: none"> Quantity 100 Price: 25,10; trigger price: 25,00 <p>CTC: Send Buy limit order DAY</p> <ul style="list-style-type: none"> Quantity 100 Price: 25,00 <p>CTC: Send Sell limit order DAY</p> <ul style="list-style-type: none"> Quantity 100 Price: 25,00 <p>CTC: Trade at price 25,00</p> <p>CTC: Send Sell limit order DAY</p> <ul style="list-style-type: none"> Quantity 100 Price: 25,00 <p>CTC: Trade at price 25,10</p>	Order triggered and totally filled	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
D3.2	<p>Customer: Send Stop Limit Buy order, GTD</p> <ul style="list-style-type: none"> Quantity 200 Price: 25,30; trigger price: 25,20 <p>CTC: Send Buy limit order DAY</p> <ul style="list-style-type: none"> Quantity 100 Price: 25,20 <p>CTC: Send Sell limit order DAY</p> <ul style="list-style-type: none"> Quantity 100 Price: 25,20 <p>CTC: Trade at price 25,20</p> <p>CTC: Send Sell limit order DAY</p> <ul style="list-style-type: none"> Quantity 100 Price: 25,20 <p>CTC: Trade at price 25,30.</p>	<p>Order triggered and partially filled</p> <p>Orders on book:</p> <ul style="list-style-type: none"> Buy 100 – 25,30 	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
D3.3	<p>Customer: Cancels pending order</p> <ul style="list-style-type: none"> Quantity on book: 100 Buy price: 25,10 	Cancel pending order.	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
D3.4	CTC: Cancels trade(s)	<p>Trades cancelled</p> <p><i>Customer confirms Execution Report</i></p>	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E

E1. STOP with PROTECTION Orders with Validity DAY

Tags: 35=D; 40=3; 59=0

This scenario should only be executed in Derivatives segment
Not yet available on production/ certification environment

Step	Description	Expected Result	Req	Status	
E1.1	Customer: Send Stop Loss Buy order, DAY <ul style="list-style-type: none"> Quantity 100 Trigger Price: 27,00 CTC: Send Buy limit order DAY <ul style="list-style-type: none"> Quantity 100 Price: 27,00 CTC: Send Sell limit order DAY <ul style="list-style-type: none"> Quantity 100 Price: 27,00 CTC: Trade at price 27,00 CTC: Send Sell limit order DAY <ul style="list-style-type: none"> Quantity 100 Price: 27,00 CTC: Trade at price 28,00	Order triggered and totally filled	N	<input type="checkbox"/> Pass	<input checked="" type="checkbox"/> N/E
E1.2	Customer: Send Stop Loss Buy order, DAY <ul style="list-style-type: none"> Quantity 200 Trigger Price: 28,10 CTC: Send Buy limit order DAY <ul style="list-style-type: none"> Quantity 100 Price: 28,10 CTC: Send Sell limit order DAY <ul style="list-style-type: none"> Quantity 100 Price: 28,10 CTC: Trade at price 28,10 CTC: Send Sell limit order DAY <ul style="list-style-type: none"> Quantity 100 Price: 28,10 CTC: Trade at price 29,10	Order triggered and partiallly filled Orders on book: <ul style="list-style-type: none"> Buy 100 – 29,10 	N	<input type="checkbox"/> Pass	<input checked="" type="checkbox"/> N/E
E1.3	Customer: Cancels pending order <ul style="list-style-type: none"> Quantity on book: 100 Buy price: 29,10 	Pending order cancelled	N	<input type="checkbox"/> Pass	<input checked="" type="checkbox"/> N/E
E1.4	CTC: Cancels trade(s)	Trades cancelled <i>Customer confirms Execution Report</i>	N	<input type="checkbox"/> Pass	<input checked="" type="checkbox"/> N/E

E2. STOP with PROTECTION Orders with Validity GTC

Tags: 35=D; 40=3; 59=1

This scenario should only be executed in Derivatives segment
Not yet available on production/ certification environment

Step	Description	Expected Result	Req	Status	
E2.1	Customer: Send Stop Loss Buy order, GTC <ul style="list-style-type: none"> Quantity 100 Trigger Price: 29,20 CTC: Send Buy limit order DAY <ul style="list-style-type: none"> Quantity 100 Price: 29,20 CTC: Send Sell limit order DAY <ul style="list-style-type: none"> Quantity 100 Price: 29,20 CTC: Trade at price 29,20 CTC: Send Sell limit order DAY <ul style="list-style-type: none"> Quantity 100 Price: 29,20 CTC: Trade at price 30,20	Order triggered and totally filled	N	<input type="checkbox"/> Pass	<input checked="" type="checkbox"/> N/E
E2.2	Customer: Send Stop Loss Buy order, GTC <ul style="list-style-type: none"> Quantity 200 Trigger Price: 30,30 CTC: Send Buy limit order DAY <ul style="list-style-type: none"> Quantity 100 Price: 30,30 CTC: Send Sell limit order DAY <ul style="list-style-type: none"> Quantity 100 Price: 30,30 CTC: Trade at price 30,30 CTC: Send Sell limit order DAY <ul style="list-style-type: none"> Quantity 100 Price: 30,30 CTC: Trade at price 31,30	Order triggered and partiallly filled Orders on book: <ul style="list-style-type: none"> Buy 100 – 31,30 	N	<input type="checkbox"/> Pass	<input checked="" type="checkbox"/> N/E
E2.3	Customer: Cancels pending order <ul style="list-style-type: none"> Quantity on book: 100 Buy price: 31,30 	Cancel pending order.	N	<input type="checkbox"/> Pass	<input checked="" type="checkbox"/> N/E
E2.4	CTC: Cancels trade(s)	Trades cancelled <i>Customer confirms Execution Report</i>	N	<input type="checkbox"/> Pass	<input checked="" type="checkbox"/> N/E

E3. STOP with PROTECTION Orders with Validity GTD

Tags: 35=D; 40=3; 59=6

This scenario should only be executed in Derivatives segment
Not yet available on production/ certification environment

Step	Description	Expected Result	Req	Status	
E3.1	Customer: Send Stop Loss Buy order, GTD <ul style="list-style-type: none"> Quantity 100 Trigger Price: 31,40 CTC: Send Buy limit order DAY <ul style="list-style-type: none"> Quantity 100 Price: 31,40 CTC: Send Sell limit order DAY <ul style="list-style-type: none"> Quantity 100 Price: 31,40 CTC: Trade at price 31,40 CTC: Send Sell limit order DAY <ul style="list-style-type: none"> Quantity 100 Price: 31,40 CTC: Trade at price 32,40	Order triggered and totally filled	N	<input type="checkbox"/> Pass	<input checked="" type="checkbox"/> N/E
E3.2	Customer: Send Stop Loss Buy order, GTD <ul style="list-style-type: none"> Quantity 200 Trigger Price: 32,50 CTC: Send Buy limit order DAY <ul style="list-style-type: none"> Quantity 100 Price: 32,50 CTC: Send Sell limit order DAY <ul style="list-style-type: none"> Quantity 100 Price: 32,50 CTC: Trade at price 32,50 CTC: Send Sell limit order DAY <ul style="list-style-type: none"> Quantity 100 Price: 32,50 CTC: Trade at price 33,50	Order triggered and partiallly filled Orders on book: <ul style="list-style-type: none"> Buy 100 – 33,50 	N	<input type="checkbox"/> Pass	<input checked="" type="checkbox"/> N/E
E3.3	Customer: Cancels pending order <ul style="list-style-type: none"> Quantity on book: 100 Buy price: 33,50 	Cancel pending order.	N	<input type="checkbox"/> Pass	<input checked="" type="checkbox"/> N/E
E3.4	CTC: Cancels trade(s)	Trades cancelled <i>Customer confirms Execution Report</i>	N	<input type="checkbox"/> Pass	<input checked="" type="checkbox"/> N/E

F. Trade Give-Ups

Tags: 35=D; 581=40

Additional repeating group: 442=12

This scenario should only be executed in Derivatives segment

Step	Description	Result	Req	Status	
F.1	Customer: Send a Sell limit order, DAY <ul style="list-style-type: none"> Quantity 200, Price 20,00 Account = 9898, Account Type = 40 SenderLocation = BVMF Valid Entering Trader 	Order entry	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E

G. CROSS Orders with Validity DAY

Tags: 35=s

This scenario should only be executed for Desk Traders

Step	Description	Expected Result	Req	Status	
G.1	Customer: Send limit Cross orders, DAY with SenderLocation: BVMF and valid Entering Trader <ul style="list-style-type: none"> Quantity: 100 Price: 20,00 	Orders total filled. Trade.	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
G.2	Customer: Send limit Cross order, DAY with SenderLocation BVMF and invalid Entering Trader <ul style="list-style-type: none"> Quantity: 100 Price: 20,00 	Order rejected.	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
G.3	Customer: Send limit Cross order, DAY with SenderLocation DMA and valid Entering Trader <ul style="list-style-type: none"> Quantity: 100 Price: 20,00 	Order rejected.	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
G.4	CTC: Cancels trade	Trade cancelled.	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E

H. Order entry with account modification

Tags: 35=G

This scenario can be executed for Derivatives or/and Equities

Step	Description	Expect result	Re q	Status	
H.1	Customer: Send a buy limit order, DAY <ul style="list-style-type: none"> Quantity: 100 Price: 20,00 	New BID order entry. Orders on book: <ul style="list-style-type: none"> Buy 100 – 20,00 	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
H.2	Customer: Modify order account sent	Modify account number.	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
H.3	Customer: Send a sell limit order, DAY (new account) <ul style="list-style-type: none"> Quantity: 100 Price: 20,00 	Order total filled.	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E

I. Order entry with minimum quantity

Tags: 110=<1000>

This scenario can be executed for Derivatives or/and Equities

Step	Description	Expected result	Req	Status	
I.1	CTC: Send 2 Sell limit orders, DAY <ul style="list-style-type: none"> Quantity: 1000 Price: 20,00 Customer: Send Buy limit order, DAY <ul style="list-style-type: none"> Quantity: 2000 Minimum Quantity: 1000 Buy price: 20,00 	Partial and total order filled.	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
I.2	Customer: Send Buy limit order, DAY <ul style="list-style-type: none"> Quantity: 2000 Minimum Quantity: 1000 Buy price: 20,00 	Order accepted and cancelled.	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
I.3	CTC: Send 2 Sell limit orders, DAY <ul style="list-style-type: none"> Quantity: 1000 Price: 20,00 Customer: Send Buy limit order, GTC <ul style="list-style-type: none"> Quantity: 2000 Minimum Quantity: 1000 Buy price: 20,00 	Partial and total order filled.	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
I.4	CTC: Send 1 Sell limit orders, DAY <ul style="list-style-type: none"> Quantity: 1000 Price: 20,00 Customer: Send a buy limit order, IOC <ul style="list-style-type: none"> Quantity: 2000 Minimum Quantity: 1000 Buy price: 20,00 	Partial order filled. Order cancelled.	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
I.5	CTC: Send a Sell Limit order, DAY <ul style="list-style-type: none"> Quantity 1000 Price 20,00 Customer: Send Buy limit order, GTD <ul style="list-style-type: none"> Quantity: 2000 Minimum Quantity: 1000 Buy price: 20,00 	Partial and total order filled.	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E

J. Order entry with disclosed quantity

Tags: 111=<1000>

This scenario can be executed for Derivatives or/and Equities

Step	Description	Expected result	Req	Status	
J.1	Customer: Send Buy limit order, DAY <ul style="list-style-type: none"> Quantity: 2000 Disclosed Quantity: 1000 Buy price: 20,00 CTC: Send 2 Sell limit orders, DAY <ul style="list-style-type: none"> Quantity: 1000 Price: 20,00 	Partial and total order filled.	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
J.2	Customer: Send Buy limit order, GTC <ul style="list-style-type: none"> Quantity: 2000 Disclosed quantity 1000 Buy price: 20,00 CTC: Send 2 Sell limit orders, DAY <ul style="list-style-type: none"> Quantity: 1000 Price: 20,00 	Partial and total order filled.	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
J.3	CTC: Send 1 Sell limit orders, DAY <ul style="list-style-type: none"> Quantity 1000 Price 20,00 Customer: Send Buy limit order, DAY <ul style="list-style-type: none"> Quantity: 2000 Disclosed Quantity: 1000 Buy price: 20,00 	Partial order filled. Orders on book: <ul style="list-style-type: none"> Buy 1000 - 20,00 	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
J.4	CTC: Cancel pending order <ul style="list-style-type: none"> Quantity book: 1000 Buy price: 20,00 	Cancels pending order.	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E

K. Order Entry with reserved instrument

Tags: 35=D; 40=2

This scenario can be executed for Derivatives or/and Equities

Step	Description	Expected result	Req	Status	
CTC: Change instrument state to Reserved					
K.1	Customer: Send Buy limit order, DAY <ul style="list-style-type: none">Quantity: 200Buy price: 20,00 CTC: Send Sell limit order, DAY <ul style="list-style-type: none">Quantity: 200Sell price: 20,00	Order entry with executions on the instrument opening. Orders on book: <ul style="list-style-type: none">Buy 200 – 20,00Sell 200 – 20,00	S	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
K.2	Customer: Modify order quantity <ul style="list-style-type: none">Quantity: 100Buy price: 20,00	Rejection on modification. Orders on book: <ul style="list-style-type: none">Buy 200 – 20,00Sell 200 – 20,00	S	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
K.3	Customer: Cancel the Buy order	Rejection on cancel Orders on book: <ul style="list-style-type: none">Buy 200 – 20,00Sell 200 – 20,00	S	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
K.4	Customer: Send Buy limit order, DAY <ul style="list-style-type: none">Quantity: 200Buy price: 19,00	New order entry Orders on book: <ul style="list-style-type: none">Buy 200 – 20,00Buy 200 – 19,00Sell 200 – 20,00	S	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
K.5	Customer: Modify order price (Buy: 19,00) <ul style="list-style-type: none">Quantity: 200Buy price: 19,50	Midification order entry. Orders on book: <ul style="list-style-type: none">Buy 200 – 20,00Buy 200 – 19,50Sell 200 – 20,00	S	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
K.6	Customer: Cancel Buy order (19,50)	Order cancel Orders on book: <ul style="list-style-type: none">Buy 200 – 20,00Sell 200 – 20,00	S	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
K.7	Customer: Send Buy limit order, DAY <ul style="list-style-type: none">Quantity: 200Buy price: 21,00	Order entry with executions on the instrument opening. Orders on book: <ul style="list-style-type: none">Buy 200 – 21,00Buy 200 – 20,00Sell 200 – 20,00	S	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
K.8	Customer: Cancel order quantity <ul style="list-style-type: none">Quantity: 100Buy price: 20,00	Order cancel Orders on book: <ul style="list-style-type: none">Buy 200 – 21,00Sell 200 – 20,00	S	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
K.9	CTC: Modify the instrument state to Open	Order total filled	S	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
K.10	CTC: Cancel all trades	Trades cancelled	S	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E

L. Order entry with frozen instrument

This scenario is mandatory for Equities
This scenario should only be executed in Equities segment.

Step	Description	Expected result	Req	Status	
L.1	Customer: Send Buy limit order, DAY <ul style="list-style-type: none"> Quantity: 200; Buy price: 20,00 Customer: Send Sell limit order, DAY <ul style="list-style-type: none"> Quantity: 200; Buy price: 20,00 	Frozen instrument	C	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
L.2	Customer: Send Buy limit order, DAY <ul style="list-style-type: none"> Quantity: 200; Buy price: 20,00 	Order rejection	C	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
L.3	CTC: Unfreeze instrument with order rejection	Order cancel	C	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
L.4	CTC: Deletes all open orders Customer: Send Buy limit order, DAY <ul style="list-style-type: none"> Quantity: 2000; Buy price: 999 CTC: Send Sell limit order, DAY <ul style="list-style-type: none"> Quantity: 2000; Sell price: 999 	Frozen instrument	C	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
L.5	CTC: Unfreeze instrument with order acceptance	Order total filled	C	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
L.6	CTC: Cancel trades	Trades cancelled	C	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E

M. Order entry on high frequency

This scenario can be executed for Derivatives or/and Equities

Step	Description	Expected result	Req	Status	
M.1	Customer: Send 10 orders per second during 30 seconds	300 order entry after 30 seconds	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E

N. MARKET ON CLOSE Orders					
Not yet available on production/ certification environment					
Step	Description	Expected result	Req	Status	
N.1	CTC: Send Buy limit order, DAY <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 Customer: Send Sell ATC order <ul style="list-style-type: none"> Quantity: 100 Sell price: MOC 	Order entry. Orders on book: <ul style="list-style-type: none"> Buy 100 – 20,00 Sell 100 – MOC 	N	<input type="checkbox"/> Pass	<input checked="" type="checkbox"/> N/E
N.2	CTC: Send Buy limit order, DAY <ul style="list-style-type: none"> Quantity: 200 Buy price: 21,00 Customer: Send Sell ATC order <ul style="list-style-type: none"> Quantity: 200 Price Sell: MOC 	Order entry Orders on book: <ul style="list-style-type: none"> Buy 200 – 21,00 Buy 100 – 20,00 Sell 300 – MOC 	N	<input type="checkbox"/> Pass	<input checked="" type="checkbox"/> N/E
CTC: Set Closing Call and change Market state to On Close					
N.3	CTC: Change Market state	ATC orders total filled. Open price: 21,00 Orders on book will be cancelled.	N	<input type="checkbox"/> Pass	<input checked="" type="checkbox"/> N/E
N.4	CTC: Cancel trades.	Trades cancelled.	N	<input type="checkbox"/> Pass	<input checked="" type="checkbox"/> N/E

O. EntryPoint Line

This scenario is mandatory on DMA 3 and/or 4 on both segments

Step	Description	Expected result	Req	Status	
O.1	Send a buy order (1st Contract) (quantity: 500 contracts; price:24)	Order entry message	C	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
O.2	Send a buy order (1st Contract) (quantity: 1500 contracts; price:24)	Rejection message of order entry by limit of order (TCI)	C	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
O.3	Send a buy order (1st Contract) (quantity: 1000 contracts; price:24)	Order entry message	C	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
O.4	Send a buy order (1st Contract) (quantity: 1000 contracts; price:24)	Rejection message of order entry by contract limit (LCI)	C	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
O.5	Send a buy order (1st Contract) (quantity: 500 contracts; price:24)	Order entry message	C	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
O.6	Modifies the buy order (B.3) (quantity: 1500 contracts; price:24)	Rejection message of order modification by limit by order (TCI)	C	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
O.7	Modifies the buy order (B.1) (quantity: 1000 contracts; price:24)	Rejection message of order modification by contract limit (LCI)	C	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
O.8	Cancels the buy order (B.5) (quantity: 500 contracts; price:24)	Order cancel message	C	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
O.9	Send a buy order (2nd Contract) (quantity: 1000 contracts; price:30)	Order entry message	C	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
O.10	Send a buy order (2nd Contract) (quantity: 600 contracts; price:30)	Rejection message of order entry by equivalent instrument (LCC)	C	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
O.11	Send a buy order (2nd Contract) (quantity: 100 contracts; price:30)	Order entry message	C	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
O.12	Modifies the buy order (B.11) (quantity: 1000 contracts; price:30)	Rejection message of order entry by equivalent instrument (LCC)	C	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
O.13	Cancels all the buy orders for 1st and 2nd contracts	Order cancel messages	C	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
O.14	Send a sell (1st Contract) (quantity: 500 contracts; price:24)	Order entry message	C	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
O.15	Send a sell (1st Contract) (quantity: 1500 contracts; price:24)	Rejection message of order modification by limit by order (TVI)	C	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
O.16	Send a sell (1st Contract) (quantity: 1000 contracts; price:24)	Order entry message	C	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
O.17	Send a sell (1st Contract) (quantity: 1000 contracts; price:24)	Rejection message of order entry by contract limit (LVI)	C	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
O.18	Send a sell (1st Contract) (quantity: 500 contracts; price:24)	Order entry message	C	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
O.19	Modifies the sell order (B.16) (quantity: 1500 contracts; price:24)	Rejection message of order modification by limit by order (TVI)	C	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
O.20	Modifies the sell order (B.14) (quantity: 1000 contracts; price:24)	Rejection message of order modification by contract limit (LVI)	C	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
O.21	Cancels the sell order (B.18)	Order cancel message	C	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E

	(quantity: 500 contracts; price:24)				
O.22	Send a sell (2nd Contract) (quantity: 1000 contracts; price:30)	Order entry message	C	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
O.23	Send a sell (2nd Contract) (quantity: 600 contracts; price:30)	Rejection message of order entry by equivalent instrument (LVC)	C	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
O.24	Send a sell (2nd Contract) (quantity: 100 contracts; price:30)	Order entry message	C	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
O.25	Modifies the sell order (B.25) (quantity: 1000 contracts; price:30)	Rejection message of order entry by equivalent instrument (LVC)	C	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E

P. GTSCClient Drop Copy

This scenario should only be executed if the Brokerage Houses uses GTS Client for Drop Copy
This scenario is only executed on Derivative segment

Step	Description	Expected result	Req	Status	
P.1	Connect on FTP website, download FIX XML dictionary and apply it on GTSCClient used for Drop Copy		C	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
P.2	Customer: Send Buy limit order, DAY (EntryPoint) <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 Customer: Send Sell limit order, DAY <ul style="list-style-type: none"> Quantity: 100 Sell price: 20,00 	Sell order eliminated (tag 378=103)	C	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
P.3	Check Drop Copy on GTSCClient	Sell order eliminated (tag 378=103)	C	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E

Q. Self Trade Prevention

This scenario should only be executed in Derivatives segment. Customer must send same Investor ID on both sides.

Step	Description	Expected result	Req	Status	
Q.1	Customer: Send Buy limit order, DAY <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 Investor ID: 12345678901 Customer: Send Sell limit order, DAY <ul style="list-style-type: none"> Quantity: 100 Sell price: 20,00 Investor ID: 12345678901 	Buy order is accepted Sell order is accepted and then eliminated (tag 378=103)	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
Q.2	Customer: Send Sell limit order, DAY <ul style="list-style-type: none"> Quantity: 100 Sell price: 21,00 Investor ID: 12345678901 	Order entry	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
Q.3	Customer: Modifies pending Sell order <ul style="list-style-type: none"> Quantity on book: 100 Price: 21,00 Modify quantity to: 100 Price: 20,00 	Sell order is replaced and then eliminated (tag 378=103)	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
Q.4	CTC: Send Sell limit order, DAY <ul style="list-style-type: none"> Quantity: 100 Sell price: 20,00 Investor ID: 98765432109 	Order total filled.	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
Q.5	CTC: Send Buy limit order, DAY <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 Investor ID: 98765432109 Customer: Send Buy limit order, DAY <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 Investor ID: 12345678901 Customer: Send Sell limit order, DAY <ul style="list-style-type: none"> Quantity: 300 Sell price: 20,00 Investor ID: 12345678901 CTC: Cancels the remaining order	Partial trade and the leftover is eliminated (tag 378=103)	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
Q.6	CTC: Send Buy limit order, DAY <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 Investor ID: 98765432109 Customer: Send Sell limit order, FOK <ul style="list-style-type: none"> Quantity: 100 Sell price: 20,00 Investor ID: 12345678901 	Order total filled.	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E

Q7	<p>CTC: Send Buy limit order, DAY</p> <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 Investor ID: 98765432109 <p>Customer: Send Sell limit order, FOK</p> <ul style="list-style-type: none"> Quantity: 200 Sell price: 20,00 Investor ID: 12345678901 	Sell order is accepted and then eliminated	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
Q.8	<p>Customer: Send Sell limit order, FOK</p> <ul style="list-style-type: none"> Quantity: 100 Sell price: 20,00 Investor ID: 98765432109 	Sell order is accepted and then eliminated (tag 378=103)	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
Q.9	<p>Customer: Send Sell limit order, day</p> <ul style="list-style-type: none"> Quantity: 200 Buy price: 20,00 Investor ID: 12345678901 	Order triggered and then eliminated (tag 378=103)	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
Q.10	<p>Customer: Send Stop Limit buy order, DAY</p> <ul style="list-style-type: none"> Quantity: 200 Buy price: 20,00 trigger price: 22,00 Investor ID: 98765432109 <p>CTC: Send Buy limit order DAY</p> <ul style="list-style-type: none"> Quantity: 200 Buy price: 22,00 Investor ID: 98765432109 <p>CTC: Send Sell limit order DAY</p> <ul style="list-style-type: none"> Quantity: 100 Buy price: 22,00 Investor ID: 12345678901 	Sell order is accepted and then eliminated (tag 378=103)	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
Q.11	<p>Customer: Send Sell Market order, DAY</p> <ul style="list-style-type: none"> Quantity: 200 Buy price: Market Investor ID: 12345678901 	Order total Filled	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
Q.12	<p>CTC: Send Buy limit order DAY</p> <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 Investor ID: 98765432109 <p>Customer: Send Sell Market order, DAY</p> <ul style="list-style-type: none"> Quantity: 200 Sell price: Market Investor ID: 98765432109 	Sell order is accepted and then eliminated (tag 378=103)	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
Q.13	<p>Customer: Send Sell limit order, IOC</p> <ul style="list-style-type: none"> Quantity: 100 Sell price: 20,00 Investor ID: 12345678901 <p>Customer: Cancels the pending order</p>	Order partially filled and remaining quantity eliminated.	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E

Q14	<p>CTC: Send Buy limit order, DAY</p> <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 Investor ID: 98765432109 <p>Customer: Send Sell limit order, IOC</p> <ul style="list-style-type: none"> Quantity: 200 Sell price: 20,00 Investor ID: 98765432109 	Sell order is accepted and then eliminated (tag 378=103)	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
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R1. Forward

This scenario should only be executed by a Desk Trader in Equities segment.

Step	Description	Expected result	Req	Status	
R1.1	<p>Customer: Send a forward declaration (Buy)</p> <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 TAG 5497 (DaysToSettlement): 50 TAG 5706 (FixedRate): 0.21 <p>CTC: Send a counterpart of the forward (Sell)</p> <ul style="list-style-type: none"> Quantity: 100; Price- Sell: 20,00 TAG 5497 (DaysToSettlement): 50 TAG 5706 (FixedRate): 0.21 	<p>Forward is accepted and receives a Execution Report 35=AI (Quote Status Report)</p> <p>Forward accepted</p>	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
R1.2	<p>Customer: Send a forward declaration (Buy)</p> <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 TAG 5497 (DaysToSettlement): 50 TAG 5706 (FixedRate): 0.21 <p>CTC: Receive declaration and reject it</p>	Forward is rejected and receive a Execution Report 35=AG (Quote Request Reject) and TAG 58 regarding rejection reason	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
R1.3	<p>Customer: Send a forward declaration (Buy)</p> <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 TAG 5497 (DaysToSettlement): 12345 TAG 5706 (FixedRate): 0.21 	Forward is rejected and receive a Execution Report 35=AG (Quote Request Reject) and TAG 58 regarding rejection reason	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
R1.4	<p>Customer: Send a forward declaration (Buy)</p> <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 TAG 5497 (DaysToSettlement): 50 TAG 5706 (FixedRate): 0.21 <p>CTC: Send a counterpart of the forward (Sell)</p> <ul style="list-style-type: none"> Quantity: 100 Price Sell: 20,00 TAG 5497 (DaysToSettlement): 50 TAG 5706 (FixedRate): 0.31 	The forward is not executed and stay pending and receive a execution report 35=AI (Quote Status Report) with TAG 297=10	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
R1.5	<p>CTC: Send a counterpart of the forward (Sell)</p> <ul style="list-style-type: none"> Quantity: 100 Price Sell: 20,00 TAG 5497 (DaysToSettlement): 50 TAG 5706 (FixedRate): 0.21 	Forward accepted	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
R1.6	<p>Customer: Send a forward declaration (Buy)</p> <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 TAG 5497 (DaysToSettlement): 50 TAG 5706 (FixedRate): 0.21 	The forward is not executed, stay pending and receive a execution report 35=AI (Quote Status Report) with TAG 297=10	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
R1.7	<p>Customer: Send forward cancel sent on previous step</p> <ul style="list-style-type: none"> TAG 35=Z 	Forward is cancelled, receive Execution Report 35=AI (Quote Status Report) with TAG 297=17	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
R1.8	<p>Customer: Send a forward declaration (Buy)</p> <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 TAG 5497 (DaysToSettlement): 50 	The forward is not executed, stay pending and receive a Execution Report 35=AI (Quote Status Report) with TAG 297=10	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E

	<ul style="list-style-type: none"> TAG 5706 (FixedRate): 0.21 				
R1.9	<p>Customer: Send forward cancel sent on previous step</p> <ul style="list-style-type: none"> TAG 35=Z TAG 117 (QuoteID) = invalid value 	The forward is not executed, stay pending and receive a Execution Report 35=AI (Quote Status Report) with TAG 297=10	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
R1.10	<p>CTC: Send a counterpart of the forward (Sell)</p> <ul style="list-style-type: none"> Quantity: 100 Price Sell: 20,00 TAG 5497 (DaysToSettlement): 50 TAG 5706 (FixedRate): 0.21 	Forward accepted.	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
R1.11	<p>Customer: Send a forward declaration (Buy)</p> <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 TAG 5497 (DaysToSettlement): 50 TAG 5706 (FixedRate): 0.21 <p>CTC: Send a counterpart of the forward (Sell)</p> <ul style="list-style-type: none"> Quantity: 200 Price Sell: 40,00 TAG 5497 (DaysToSettlement): 100 TAG 5706 (FixedRate): 0.42 	<p>Forward is not executed</p> <p>Customer receives Execution Report 35=AG with TAG 658=10</p> <p>CTC receives Execution Report 35=AI with TAG 297=11</p> <p>Customer receives Execution Report 35=AG with TAG 297=11</p>	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
R1.12	<p>Customer: Send a forward declaration (Buy)</p> <ul style="list-style-type: none"> Quantity: 100; Buy price: 20,00 TAG 5497 (DaysToSettlement): 50 TAG 5706 (FixedRate): 0.21 <p>CTC: Change the Market state to Close</p> <p>CTC: Send a counterpart of the forward (Sell)</p> <ul style="list-style-type: none"> Quantity: 100 Price Sell: 20,00 TAG 5497 (DaysToSettlement): 50 TAG 5706 (FixedRate): 0.21 	<p>Customer receives execution Report 35=AI with TAG 297=7</p> <p>CTC receives Execution Report 35=AI with TAG 297=7</p>	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
R1.13	<p>Customer: Send a forward declaration (Buy)</p> <ul style="list-style-type: none"> Quantity: 100; Price- Buy: 20,00 TAG 5497 (DaysToSettlement): 50 TAG 5706 (FixedRate): 0.21 <p>CTC: Send a counterpart of the forward (Sell)</p> <ul style="list-style-type: none"> Quantity: 100 Price Sell: 20,00 TAG 5497 (DaysToSettlement): 50 TAG 5706 (FixedRate): 0.21 <p>CTC: Send forward execution cancel</p>	<p>Forward is accepted, receives Execution Report 35=AI (Quote Status Report)</p> <p>Forward accepted</p> <p>Customer receives Execution Report 35=8 with TAG 150=H</p> <p>CTC receives Execution report 35=8 with TAG 150=H</p>	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
R1.14	<p>Customer: Send forward declaration, on Cross mode</p> <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 TAG 5497 (DaysToSettlement): 50 TAG 5706 (FixedRate): 0.21 	<p>Forward on Cross mode is accepted and receive a Execution Report 35=AI (Quote Status Report) with TAG 297=0</p> <p>Forward accepted</p> <p>Receive 2 Executions Reports, one for each port of the forward, 35=8, com a TAG 150=F</p>	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E

R1.15	<p>Customer: Send forward declaration, on Cross mode</p> <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 TAG 5497 (DaysToSettlement): 50 TAG 5706 (FixedRate): 0.21 TAG 63 (SettlType): Any value different than 0, 8 or X. Can be used the letter Y, for example. 	Forward on Cross mode is not executed, receives 35=AG with TAG 658 regarding rejection reason.	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
R1.16	<p>Customer: Send forward declaration (Buy)</p> <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 TAG 5497 (DaysToSettlement): 50 TAG 5706 (FixedRate): 0.21 	Forward accepted, receives 35=AI (Quote Status Report) and 35006=1	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
R1.17	Exchange cancels forward declaration.	Declaration cancelled. Customer receives 35=AG (Quote Request Reject) and TAG 58 regarding reject reason.	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
R1.18	<p>Customer: Send forward declaration (Buy)</p> <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 TAG 5497 (DaysToSettlement): 50 TAG 5706 (FixedRate): 0.21 	Forward accepted, receives 35=AI (Quote Status Report) 35006=1	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
R1.19	Exchange rejects forward declaration	Declaration rejected, Customer receives 35=AG (Quote Request Reject) and TAG 58 regarding reject reason	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
R1.20	<p>Customer: Send forward declaration (Buy) as DMA</p> <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 TAG 5497 (DaysToSettlement): 50 TAG 5706 (FixedRate): 0.21 SenderLocation: DMA 	Forward rejected, Customer receives 35=AG (Quote Request Reject) and TAG 58 regarding reject reason	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E

R2. Forward + Cash

This scenario should only be executed by a Desk Trader in Equities segment.

Step	Description	Expected result	Req	Status	
R2.1	<p>Customer: Send Forward + Cash declaration (Buy)</p> <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 TAG 5497 (DaysToSettlement): 50 TAG 5706 (FixedRate): 0.21 TAG 35004 (ExecuteUnderlyingTrade): 1 <p>CTC: Send a counterpart of the Forward + Cash(Sell)</p> <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 TAG 5497 (DaysToSettlement): 50 TAG 5706 (FixedRate): 0.21 TAG 35004 (ExecuteUnderlyingTrade): 1 	<p>Forward accepted, receives Execution Report 35=AI (Quote Status Report) with 297=10</p> <p>Forward accepted.</p> <p>Customer receives Execution Report 35=8 with TAGs 150=F and 63=8</p> <p>CTC receives Execution Report 35=8 with TAG 150=F and 63=0</p>	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
R2.2	<p>Customer: Send a forward declaration (Buy)</p> <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 TAG 5497 (DaysToSettlement): 50 TAG 5706 (FixedRate): 0.21 TAG 35004 (ExecuteUnderlyingTrade): 1 <p>CTC: Receives the declaration and reject it</p>	Forward rejected, receives 35=AG (Quote Request Reject) and TAG 58 regarding reject reason	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
R2.3	<p>Customer: Send forward declaration(Buy)</p> <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 TAG 5497 (DaysToSettlement): 50 TAG 5706 (FixedRate): 0.21 TAG 35004 (ExecuteUnderlyingTrade): 1 	Forward accepted, receives 35=AI (Quote Status Report) 35006=1	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
R2.4	Exchange cancels forward declaration	Declaration cancelled, Customer receives 35=AG (Quote Request Reject) and TAG 58 regarding reject reason	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
R2.5	<p>Customer: Send forward declaration(Buy)</p> <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 TAG 5497 (DaysToSettlement): 50 TAG 5706 (FixedRate): 0.21 TAG 35004 (ExecuteUnderlyingTrade): 1 	Forward accepted, receives 35=AI (Quote Status Report) 35006=1	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
R2.6	Exchange rejects forward declaration	Declaration rejected, Customer receives 35=AG (Quote Request Reject) and TAG 58 regarding reject reason	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
R2.7	<p>Customer: Send forward declaration(Buy) as DMA</p> <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 TAG 5497 (DaysToSettlement): 50 TAG 5706 (FixedRate): 0.21 TAG 35004 (ExecuteUnderlyingTrade): 1 SenderLocation: DMA 	Forward rejected, Customer receives 35=AG (Quote Request Reject) and TAG 58 regarding reject reason	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E

R2.8	<p>Customer: Send Forward + Cash declaration (Buy)</p> <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 TAG 5497 (DaysToSettlement): 50 TAG 5706 (FixedRate): 0.21 TAG 35004 (ExecuteUnderlyingTrade): 1 <p>CTC: Send a counterpart of the Forward + Cash (Sell)</p> <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 TAG 5497 (DaysToSettlement): 50 TAG 5706 (FixedRate): 0.21 TAG 35004 (ExecuteUnderlyingTrade): 1 <p>CTC: Cancel forward execution</p>	<p>Forward + Cash accepted, receives 35 = AI (Quote Status Report) with TAG 297=10</p> <p>Forward accepted</p> <p>Customer receives Execution Report 35=8 with TAGs 150=F and 63=8</p> <p>CTC receives Execution Report 35=8 com as TAG 150=F e 63=0</p> <p>CTC receives Execution Report 35=8 with TAG 150=H</p>	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
R2.9	<p>Customer: Send Forward + Cash declaration (Buy)</p> <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 TAG 5497 (DaysToSettlement): 50 TAG 5706 (FixedRate): 0.21 TAG 35004 (ExecuteUnderlyingTrade): 1 <p>Customer: Send Forward + Cash Cancel (35=Z)</p>	<p>Forward + Cash accepted, receives 35 = AI (Quote Status Report) with TAG 297=10</p> <p>Forward + Cash cancelled, receives 35 = AI (Quote Status Report) with TAG 297=17</p>	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
R2.10	<p>CTC: Send DAY Limit Buy order on Cash Market instrument</p> <ul style="list-style-type: none"> Quantity 100 Price: 20,00 <p>Customer: Send Forward + Cash declaration (Buy)</p> <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 TAG 5497 (DaysToSettlement): 50 TAG 5706 (FixedRate): 0.21 TAG 35004 (ExecuteUnderlyingTrade): 1 	<p>CTC receive Execution Report 35=8 for a new order accepted (39=0 e 150=0)</p> <p>Forward + Cash accepted, receives 35 = AI (Quote Status Report) with TAG 297=10</p>	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
R2.11	<p>CTC: Send DAY Limit Sell order on Cash Market instrument</p> <ul style="list-style-type: none"> Quantity 100 Price: 20,50 <p>Customer: Send Forward + Cash declaration (Sell)</p> <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 TAG 5497 (DaysToSettlement): 50 TAG 5706 (FixedRate): 0.21 TAG 35004 (ExecuteUnderlyingTrade): 1 	<p>CTC receive Execution Report 35=8 for a new order accepted (39=0 e 150=0)</p> <p>Forward + Cash accepted, receives 35 = AI (Quote Status Report) with TAG 297=10</p>	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E

R3. Forward from Already Registered Cash

This scenario should only be executed by a Desk Trader in Equities segment.

Step	Description	Expected result	Req	Status	
R3.1	<p>Customer: Send Forward + Cash declaration (Buy)</p> <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 TAG 5497 (DaysToSettlement): 50 TAG 5706 (FixedRate): 0.21 TAG 35004 (ExecuteUnderlyingTrade): 1 <p>CTC: Send counterpart to Forward + Cash (Sell)</p> <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 TAG 5497 (DaysToSettlement): 50 TAG 5706 (FixedRate): 0.21 TAG 35004 (ExecuteUnderlyingTrade): 1 	<p>Forward + Cash accepted, receives Execution Report 35=AI (Quote Status Report) with TAG 297=10</p> <p>Forward accepted.</p> <p>Customer receives Execution Report 35=8 with TAGs 150=F and 63=8</p> <p>CTC receives Execution Report 35=8 with TAG 150=F and 63=0</p>	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
R3.2	<p>Customer: Send forward from already registered cash (Buy)</p> <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 TAG 5497 (DaysToSettlement): 50 TAG 5706 (FixedRate): 0.21 TAG 35004 (ExecuteUnderlyingTrade): 1 TAG 6032 (Unique TradeID): Send the TraderID returned by Execution Report of the Trade received by the client. 	<p>Forward + Cash accepted, received Execution Report 35=AI (Quote Status Report) with TAG 297=10</p> <p>Forward accepted.</p> <p>Customer receives Execution Report 35=8 with TAGs 150=F and 63=8</p> <p>CTC receives Execution Report 35=8 with TAG 150=F and 63=0</p>	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
R3.3	<p>Customer: Send Forward + Cash declaration (Buy)</p> <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 TAG 5497 (DaysToSettlement): 50 TAG 5706 (FixedRate): 0.21 TAG 35004 (ExecuteUnderlyingTrade): 1 	<p>Forward + Cash accepted, receives Execution Report 35=AI (Quote Status Report) with TAG 297=10</p>	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
R3.4	Exchange cancels forward declaration	Declaration cancelled, Customer receives 35=AG (Quote Request Reject) and TAG 58 regarding reject reason	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
R3.5	<p>Customer: Send forward declaration(Buy)</p> <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 TAG 5497 (DaysToSettlement): 50 TAG 5706 (FixedRate): 0.21 TAG 35004 (ExecuteUnderlyingTrade): 1 	<p>Forward accepted, receives 35=AI (Quote Status Report) 35006=1</p>	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
R3.6	Exchange rejects forward declaration	Declaration rejected, Customer receives 35=AG (Quote Request Reject) and TAG 58 regarding reject reason	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E

R3.7	<p>Customer: Send forward declaration(Buy) as DMA</p> <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 TAG 5497 (DaysToSettlement): 50 TAG 5706 (FixedRate): 0.21 TAG 35004 (ExecuteUnderlyingTrade): 1 SenderLocation: DMA 	<p>Forward rejected, Customer receives 35=AG (Quote Request Reject) and TAG 58 regarding reject reason</p>	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
R3.8	<p>Customer: Send Forward + Cash declaration (Buy)</p> <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 TAG 5497 (DaysToSettlement): 50 TAG 5706 (FixedRate): 0.21 TAG 35004 (ExecuteUnderlyingTrade): 1 TAG 6032 (Unique TradeID): Send the TraderID from Execution Report of Trade returned to customer 	<p>Forward accepted, receives Execution Report 35=AI (Quote Status Report) with 297=10</p> <p>Trade.</p> <p>Customer receives Execution Report 35=8 with TAGs 150=F and 63=8</p> <p>CTC receives Execution Report 35=8 with TAG 150=F and 63=0</p>	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E

S1. Exercise and Auto blocking

This scenario should only be executed in Equities segment.

Step	Description	Expected result	Req	Status	
S1.1	<p>Customer: Send an option exercise</p> <ul style="list-style-type: none"> Quantity: 100 TAG 35=AL <p>CTC: Send Sell limit order, DAY</p> <ul style="list-style-type: none"> Quantity:100 Sell price: 20,00 <p>CTC: Send Buy limit order, DAY</p> <ul style="list-style-type: none"> Quantity:100 Sell price: 20,00 	<p>Customer receives execution report 35=AM com a TAG 722=3 (Completed)</p> <p>CTC recebe execution report 35=8 com a TAG 150=F</p> <p>CTC recebe execution report 35=AM com a TAG 709=101 (Auto blocking of short option position)</p>	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
S1.2	<p>Customer: Send na option exercise</p> <ul style="list-style-type: none"> Quantity: Round lot TAG 35=AL <p>CTC: Send Sell limit order, DAY</p> <ul style="list-style-type: none"> Quantity:100 Sell price: 20,00 <p>CTC: Send Buy limit order, DAY</p> <ul style="list-style-type: none"> Quantity:100 Price Sell: 20,00 	<p>Customer receives Execution Report 35=AM with TAG 722=3 (Completed)</p> <p>CTC receives Execution Report 35=8 with TAG 150=F</p> <p>CTC receives Execution Report 35=AM with TAGS 709=101 (Auto blocking of short option position) and 712= 3 (Cancel)</p>	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
CTC check available Customer position					
S1.3	<p>Customer: Send an option exercise</p> <ul style="list-style-type: none"> Quantity: Total holder position TAG 35=AL <p>CTC: Send Sell limit order, DAY</p> <ul style="list-style-type: none"> Quantity:100 Sell price: 20,00 <p>CTC: Send Buy limit order, DAY</p> <ul style="list-style-type: none"> Quantity:100 Sell price: 20,00 	<p>Customer receives 35=AM with TAG 722=3 (Completed)</p> <p>CTC receives Execution Report 35=8 with TAG 150=F</p> <p>CTC receives 35=AM with TAG 709=101 (Auto blocking of short option position)</p>	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
S1.4	<p>Customer: Send an option exercise</p> <ul style="list-style-type: none"> Quantity: Round lot TAG 35=AL <p>CTC: Send Sell limit order, DAY</p> <ul style="list-style-type: none"> Quantity:100 Sell price: 20,00 <p>CTC: Send Buy limit order, DAY</p> <ul style="list-style-type: none"> Quantity:100 Sell price: 20,00 	<p>Customer receives 35=AM with TAG 722=3 (Completed)</p> <p>CTC receives Execution Report 35=8 com a TAG 150=F</p> <p>CTC receives 35=AM with TAG 709=101 (Auto blocking of short option position)</p>	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E

S1.5	<p>Customer: Send an option exercise</p> <ul style="list-style-type: none"> Quantity: 100 TAG 35=AL <p>CTC: Send Sell limit order, DAY</p> <ul style="list-style-type: none"> Quantity:100 Sell price: 20,00 <p>CTC: Send Buy limit order, DAY</p> <ul style="list-style-type: none"> Quantity:100 Sell price: 20,00 <p>CTC: Cancel executed trade(s)</p>	<p>Customer receives 35=AM with TAG 722=3 (Completed)</p> <p>CTC receives Execution Report 35=8 with TAG 150=F</p> <p>CTC receives 35=AM with TAGS 709=101 (Auto blocking of short option position) and 712= 3 (Cancel)</p>	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
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S2. Exercise and manual block

This scenario should only be executed in Equities segment.

Step	Description	Expected result	Req	Status	
S2.1	<p>Customer: Send na option exercise</p> <ul style="list-style-type: none"> Quantity: 100 TAG 35=AL <p>CTC: Send Sell limit order, DAY</p> <ul style="list-style-type: none"> Quantity:100 Price Sell: 20,00 <p>CTC: Send Buy limit order, DAY</p> <ul style="list-style-type: none"> Quantity:100 Price Sell: 20,00 <p>Customer: Send a block option</p> <ul style="list-style-type: none"> Quantity: 100 TAG 35=J 	<p>Customer receives Execution Report 35=AM with TAG 722=3 (Completed)</p> <p>CTC receives Execution Report 35=8 with TAG 150=F</p> <p>Customer recebe execution report 35=AS com a TAG 87=0 (accepted)</p>	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
S2.2	<p>Customer:Cancel block option</p> <ul style="list-style-type: none"> TAG 35=J TAG 71=2 	<p>Customer receives Execution Report 35=AS with TAG 71=2 (Cancel)</p>	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E

T. Cancel on disconnect

This scenario should only be executed in Equities segment.

Step	Description	Expected result	Req	Status	
T.1	Customer: Send logon message with TAGs 35002=0 and 35003=0	FIX session connected	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
T.2	Customer: Send a Buy limit order, DAY Quantity: 100 Price: 20,00 Customer: Send a Buy limit order, GTD Quantity: 100 Price: 21,00 Customer: Send a Buy limit order, GTC Quantity: 100 Price: 22,00	Order entry Orders on book: <ul style="list-style-type: none"> Quantity: 100 Price: 22,00 Quantity: 100 Price: 21,00 Quantity: 100 Price: 20,00 	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
T.3	Customer: Disconnect the application by Task Manager or disconnect network cable	FIX session disconnected	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
T.4	Customer: Send a logon message with TAGs 35002=0 and 35003=0	FIX session reconnected Orders on book: <ul style="list-style-type: none"> Quantity: 100 Price: 22,00 Quantity: 100 Price: 21,00 Quantity: 100 Price: 20,00 	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
T.5	Customer: Send a logout message	FIX session disconnected	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
T.6	Customer: Send a logon message with TAGs 35002=0 and 35003=0	FIX session reconnected Orders on book: <ul style="list-style-type: none"> Quantity: 100 Price: 22,00 Quantity: 100 Price: 21,00 Quantity: 100 Price: 20,00 	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
T.7	Customer: Disconnect FIX session	FIX session disconnected	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
T.8	Customer: Send logon message with TAGs 35002=1 and 35003=30000	FIX session connected	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
T.9	Customer: Disconnect the application by Task Manager or disconnect network cable	FIX session disconnected	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E

Wait less than the time set in COD trigger					
T.10	Customer: Send logon message with TAGs 35002=1 and 35003=30000	FIX session reconnected Orders on book: FIX session reconnected Orders on book: <ul style="list-style-type: none"> Quantity: 100 Price: 22,00 Quantity: 100 Price: 21,00 Quantity: 100 Price: 20,00 	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
T.11	Customer: Send logout message	FIX session disconnected	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
Wait longer than the time set in COD trigger					
T.12	Customer: Send logon message with TAGs 35002=1 and 35003=30000	FIX session reconnected Orders on book: <ul style="list-style-type: none"> Quantity: 100 Price: 22,00 Quantity: 100 Price: 21,00 Quantity: 100 Price: 20,00 	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
T.13	Customer: Disconnect the application by Task Manager or disconnect network cable	FIX session disconnected	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
Wait longer than the time set in COD trigger					
T.14	Customer: Send logon message with TAGs 35002=1 and 35003=30000	FIX session reconnected Customer receives order cancel message and confirm the receipt of Execution Report 35=8 and TAG 150=4 for the day order Orders on book: <ul style="list-style-type: none"> Limit DATADA Quantity: 100 Price: 22,00 LIMIT VAC Quantity: 100 Price: 21,00 	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
T.15	Customer: Send logout message	FIX session disconnected	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
T.16	Customer: Send logon message with TAGs 35002=2 and 35003=30000	FIX session connected	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
T.17	Customer: Send a Buy limit order, DAY <ul style="list-style-type: none"> Quantity: 100 Price: 20,00 	Orders entry Orders on book: <ul style="list-style-type: none"> Quantity: 100 Price: 22,00 Quantity: 100 Price: 21,00 Quantity: 100 Price: 20,00 	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
T.18	Customer: Send logout message	FIX session disconnected	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E

Wait less than the time set in COD trigger					
T.19	Customer: Send logon message with TAGs 35002=2 and 35003=30000	FIX session reconnected Orders on book: <ul style="list-style-type: none"> Quantity: 100 Price: 22,00 Quantity: 100 Price: 21,00 Quantity: 100 Price: 20,00 	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
T.20	Customer: Disconnect the application by Task Manager or disconnect network cable	FIX session disconnected	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
Wait longer than the time set in COD trigger					
T.21	Customer: Send logon message with TAGs 35002=2 and 35003=30000	FIX session reconnected Orders on book: <ul style="list-style-type: none"> Quantity: 100 Price: 22,00 Quantity: 100 Price: 21,00 Quantity: 100 Price: 20,00 	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
T.22	Customer: Send logout message	FIX session disconnected	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
Wait longer than the time set in COD trigger					
T.23	Customer: Send logon message with TAGs 35002=2 and 35003=30000	FIX session reconnected Customer receives order cancel message and confirm the receipt of Execution Report 35=8 and TAG 150=4 for the day order Orders on book: <ul style="list-style-type: none"> Limit DATADA Quantity: 100 Price: 22,00 LIMIT VAC Quantity: 100 Price: 21,00 	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
T.24	Customer: Send logout message	FIX session disconnected	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
T.25	Customer: Send logon message with TAGs 35002=3 and 35003=30000	FIX session connected	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
T.26	Customer: Send a Buy limit order, DAY <ul style="list-style-type: none"> Quantity: 100 Price: 20,00 	Order entry Orders on book: <ul style="list-style-type: none"> Quantity: 100 Price: 22,00 Quantity: 100 Price: 21,00 Quantity: 100 Price: 20,00 	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
T.27	Customer: Desconectar a aplicação via Gerenciador de Tarefas ou desconectar o cabo de rede	Sessão FIX desconectada	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
Wait less than the time set in COD trigger					

T.28	Customer: Send logon message with TAGs 35002=3 and 35003=30000	<p>FIX session reconnected</p> <p>Orders on book:</p> <p>FIX session reconnected</p> <p>Orders on book:</p> <ul style="list-style-type: none"> Quantity: 100 Price: 22,00 Quantity: 100 Price: 21,00 Quantity: 100 Price: 20,00 	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
T.29	Customer: Send logout message	FIX session disconnected	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
Wait longer than the time set in COD trigger					
T.30	Customer: Send logon message with TAGs 35002=3 and 35003=30000	<p>Customer receives order cancel message and confirm the receipt of Execution Report 35=8 and TAG 150=4 for the day order</p> <p>Orders on book:</p> <ul style="list-style-type: none"> Limit DATADA Quantity: 100 Price: 22,00 LIMIT VAC Quantity: 100 Price: 21,00 	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
T.31	<p>Customer: Send a Buy limit order, DAY</p> <ul style="list-style-type: none"> Quantity: 100 Price: 20,00 	<p>Order entry</p> <p>Orders on book:</p> <ul style="list-style-type: none"> Quantity: 100 Price: 22,00 Quantity: 100 Price: 21,00 Quantity: 100 Price: 20,00 	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
T.32	Customer: Send logout message	FIX session disconnected	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
Wait longer than the time set in COD trigger					
T.33	Customer: Send logon message with TAGs 35002=3 and 35003=30000	<p>Customer receives order cancel message and confirm the receipt of Execution Report 35=8 and TAG 150=4 for the day order</p> <p>Orders on book:</p> <ul style="list-style-type: none"> Limit DATADA Quantity: 100 Price: 22,00 LIMIT VAC Quantity: 100 Price: 21,00 	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E

U. UDS Creation and Trades

This scenario should only be executed in Equities segment.

Step	Description	Expected result	Req	Status	
U.1	Customer: Send request for instrument creation with two legs for the same instrument (Eg: B1 VALE3 + S1 VALE3) <ul style="list-style-type: none">TAG 35=c	Customer receives Security Definition message 35=d with TAG 323=5 (Rejected)	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
U.2	Customer: Send request for instrument creation with two legs for different instruments Cash/Cash (ex: B1 VALE3 + S1 VALE5) <ul style="list-style-type: none">TAG 35=c	Customer receives Security Definition message 35=d with TAG 323=1 (Accepted)	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
U.3	Customer: Send request for instrument creation with two legs for different instruments Cash/Options (Eg: B1 PETR4 + S1 PETRF74) <ul style="list-style-type: none">TAG 35=c	Customer receives Security Definition message 35=d with TAG 323=1 (Accepted)	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
U.4	Customer: Send request for instrument creation with two legs for different instruments Options/Options (Eg: B1 PETRF25 + S1 PETRF28) <ul style="list-style-type: none">TAG 35=c	Customer receives Security Definition message 35=d with TAG 323=1 (Accepted)	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
U.5	Customer: Send request for instrument creation with three legs for different instruments Cash/Cash/Cash (Eg: B1 USIM3 + S1 USIM5 + B1 USIM6) <ul style="list-style-type: none">TAG 35=c	Customer receives Security Definition message 35=d with TAG 323=1 (Accepted)	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
U.6	Customer: Send request for instrument creation with three legs for different instruments Options/Options/Options (Eg: B1 UGPAA20 + S2 UGPAA22 + B1 UGPAA26) <ul style="list-style-type: none">TAG 35=c	Customer receives Security Definition message 35=d with TAG 323=1 (Accepted)	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E

U.7	<p>Customer: Send request for instrument creation with four legs for different instruments Cash/ Cash/ Cash/ Cash (Eg: B1 VALE3 + S1 VALE5 + B1 VIVT3 x S1 VIVT5)</p> <ul style="list-style-type: none"> TAG 35=c 	Customer receives Security Definition message 35=d with TAG 323=1 (Accepted)	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
U.8	<p>Customer: Send request for instrument creation with four legs for different instruments Options/Options/Options/Options (Eg: B1 PETRF30 + S1 PETRR30 + B1 PETRR31 x S1 PETRF31)</p> <ul style="list-style-type: none"> TAG 35=c 	Customer receives Security Definition message 35=d with TAG 323=1 (Accepted)	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
U.9	<p>Customer: Send request for instrument creation with five legs for different instruments Cash/Options/Options/Options/Options (Eg: B1 PETR4 + B1 PETRF14 + B1 PETRF15 + B1 PETRF16 x B1 PETRF17)</p> <ul style="list-style-type: none"> TAG 35=c 	Customer receives Security Definition message 35=d with TAG 323=1 (Accepted)	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
CTC changes UDS state to Forbidden, reserve the instrument and authorize the order entry					
U.10	<p>Customer: Send buy limit order, DAY in a already created UDS</p> <ul style="list-style-type: none"> Quantity: 100 Buy price: 20,00 	New order entry on book for created strategy.	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
U.11	<p>CTC: Send sell limit order, DAY</p> <ul style="list-style-type: none"> Quantity: 100 Sell price: 20,00 	<p>New sell order entry on book:</p> <ul style="list-style-type: none"> Quantity: 100 Price: 20,00 	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E
U.12	CTC changes instrument state to Open	<p>Customer receives Execution Report:</p> <ul style="list-style-type: none"> 1 Execution Report for UDS 1 Execution Report for each leg of UDS 	N	<input type="checkbox"/> Pass	<input type="checkbox"/> N/E